

## Amendments To Claims

1. (Currently Amended) An information system, comprising:  
a set of access subsystems each for use in accessing a persistent store in the information system and each having a corresponding priority rank;

transaction analyzer that determines a priority metric for an incoming access transaction to the persistent store and that transfers the incoming access transaction to one of the access subsystems by matching the priority metric to the priority ranks. ~~such that the priority metric indicates which of the access subsystems is to be used when performing the incoming access transaction.~~

2. (Currently Amended) The information system of claim 1, wherein ~~the transaction analyzer determines~~ the priority metric is based on ~~by determining~~ a frequency of occurrence for the incoming access transaction.

3. (Currently Amended) The information system of claim 1, wherein ~~the transaction analyzer determines~~ the priority metric is based on ~~by determining~~ a frequency of access of a database table referenced in the incoming access transaction.

4. (Currently Amended) The information system of claim 1, wherein ~~the transaction analyzer determines~~ the priority metric is based on ~~by determining~~ a dollar cost associated with the incoming access transaction.

5. (Currently Amended) The information system of claim 1, wherein ~~the transaction analyzer determines~~ the priority metric is based on ~~by determining~~ a computational complexity associated with performing the incoming access transaction.

6. (Original) The information system of claim 5, wherein the computational complexity is indicated by a number of database tables in the persistent store that are referenced by the incoming access transaction.

7. (Original) The information system of claim 5, wherein the computational complexity is indicated by a number of field matches specified in the incoming access transaction to database tables in the persistent store.

8. (Currently Amended) The information system of claim 1, wherein ~~the transaction analyzer determines~~ the priority metric ~~in response to~~ is based on a set of query constraints contained in the incoming access transaction.

9. (Original) The information system of claim 8, wherein the priority metric is based on a size of a database table in the persistent store to which the query constraints are to be applied.

10. (Currently Amended) A method for priority analysis of access transactions in an information system, comprising the ~~steps of~~:

determining a priority metric for an incoming access transaction to a persistent store in the information system;  
selecting which of a set of access subsystems is to be used when performing the incoming access transaction ~~in response to~~ by matching the priority metric to a priority rank for each access subsystem.

11. (Currently Amended) The method of claim 10, wherein ~~the step of~~ determining the priority metric includes ~~the step of~~ determining a frequency of occurrence for the incoming access transaction.

12. (Currently Amended) The method of claim 10, wherein ~~the step of~~ determining the priority metric includes ~~the step of~~ determining a frequency of access of a database table referenced in the incoming access transaction.

13. (Currently Amended) The method of claim 10, wherein ~~the step of~~ determining the priority metric includes ~~the step of~~

determining a dollar cost associated with the incoming access transaction.

14. (Currently Amended) The method of claim 10, wherein ~~the step of~~ determining the priority metric includes ~~the step of~~ determining a computational complexity associated with performing the incoming access transaction.

15. (Original) The method of claim 14, wherein the computational complexity is indicated by a number of database tables in the persistent store that are referenced by the incoming access transaction.

16. (Original) The method of claim 14, wherein the computational complexity is indicated by a number of field matches specified in the incoming access transaction to database tables in the persistent store.

17. (Currently Amended) The method of claim 10, wherein ~~the step of~~ determining the priority metric includes ~~the step of~~ determining the priority metric in response to a set of query constraints contained in the incoming access transaction.

18. (Currently Amended) The ~~information system~~ method of claim 17, wherein ~~the step of~~ determining the priority metric includes ~~the step of~~ determining a size of a database table in the persistent store to which the query constraints are to be applied.